

COMMENT

FEATURES

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/4/-5-2321.
Location/Qualifiers
1. 98
/organism="Homo sapiens"
/db_xref="taxon:9606"
/cell_line="HepG2"
/clone_lib="Kiseru"
/sex="Male"

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BASE COUNT	/sex="Male"		
SPGIN	23 a	29 c	24 g 21 t 1 others

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Query Match      6.88; Score 68; DB 21; Length 98;
Best Local Similarity 87.6%; Pred. No. 1.35e-28;
Matches          78; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

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9 GCGGCCCTCTAGAGATCCAAAGCTTACGGACCGCTGCATCGGAGCTCATAGCTCTTCTA 68
90 GCGGCCCTCTAAGAGATCCAAAGCTTACGTACCGCTGCATCGGAGCTCATAGCTCTTCTA 949

69 TAGANGCACCTAATTCAATTCAACTGGCC 97

950 TAGTGCACCTAAATCAATTCACGTGCC 978 *non-coding region*

RESULT	8	G13951	398 bp	DNA	STS	22-DEC-1995
LOCUS		DEFINITION	human STS SHGC-2867 clone pg-564.			

ACCESSION	IID	KEYWORDS	SOURCE
GI3951	g1129690	STS sequence; primer;	human
		sequence tagged site.	

SOURCE OF INFORMATION
Human.

TAXONOMIC ORIGINISM
Eukaryotae; Mitochondrial eukaryotes; Metazoa; Chordata; Vertebrata; Gnathostomata; Osteichthyes; Sarcopterygii; Choanata; Tetrapoda; Amniota; Mammalia; Theria; Eutheria; Archonta; Primates; Catarrhini; Hominoideae; Homo.

REFERENCE
1 (bases 1 to 398)
Myers, R.M.

**JOURNAL
COMMENT**

Unpublished (1995)

Contact: Richard M. Myers
Stanford Human Genome Center (SHGC)
Stanford University School of Medicine
Department of Genetics, M-344, Stanford, CA 94305, USA
Tel: 4157259687
Fax: 4157259689
Email: myers@shgc.stanford.edu

Primer A: CTCTGGCAGGCATTTTCCAATC
Primer B: CAGGGTACTTTATCCTTAGCTC
STS size: 132
PCR Profile:

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Denaturation:	94 degrees C for 15 seconds
Annealing:	62 degrees C for 23 seconds
Polymerization:	72 degrees C for 30 seconds
PCR Cycles:	30

Thermal Cycler: Perkin Elmer 9600

Template:	25 ng
Primer:	each 1 μ M
dNTPs:	each 200 μ M
Taq Polymerase:	0.05 units/ μ l
Total Vol:	10 μ l

Buffer:

MgCl₂: 2.5 mM
KCl: 50 mM
Tris-HCl: 20 mM
pH: 8.3

Plasmid clones, generated from a lymphoblastoid cell line from a human male. Localized to human chromosome 2 by analysis on the HIGHS Human/Rodent Somatic Cell Hybrid Panel #1, Coriell Institute for Medical Research, Camden, NJ 08103.

FEATURES

/organism="Homo sapiens"

110. .241

110. .132
complement(219 241)

complement (219. .241)

83 c	100 g	104 t	10 others
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Query Match 5.9%; Score 59; DB 24; Length 398;
Best Local Similarity 88.2%; Pred. No. 4.07e-22;
Matches 67; Conservative 0; Mismatches 8; Indels 2

320 GCGGNCNCTCTAGAGGATCCAAGCTTACGTACGGTGCATNCGANGTCATAG-TCTTCT 378
|||||

889 GCGGGCGCTCTAAAGGATCCAGCTACGTACGCGTGCATGCGACGTATAGCTCTTCT 948

379 NTNGTGTCAACATAAAT 394

TOTAL

RESULT

LOCUS	PSVSPORT	3160 bp	DNA	circular	SYN	24-MAY-1995
DEFINITION	Cloning vector pSVSPORT1 beta-lactamase gene, complete cds.					
ACCESSION	U14626					
VERSION	q540252					
KEYWORDS	ID					

KEYWORDS

ORGANISM	Cloning vector	psVSport1.
ORGANISM	Cloning vector	psVSport1.

cloning vector psvsport1
artificial sequence: cloning vectors.

REFERENCE

1 (sites)

AUTHORS D'Alessio, J.M.
TITLE Life Technologies Inc Catalogue

JOURNAL Unpublished (1994)

RESULT 7
LOCUS HUMD4H12M3 98 bp mRNA PRI 01-DEC-1994
DEFINITION Human HepG2 3' region MboI cDNA, clone hmd4h12m3.
ACCESSION D17247
NID 9598848
KEYWORDS gene signature.
SOURCE Homo sapiens Male cell_line:HepG2 cDNA to mRNA, clone_lib:Kiseru.
ORGANISM Homo sapiens
Eukaryotes; mitochondrial eukaryotes; Metazoa; Chordata; Vertebrata; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 1 to 98)
AUTHORS Matoba, R., Okubo, K., Hori, N., Fukushima, A. and Matsubara, K.
TITLE The addition of 5'-coding information to a 3'-directed cDNA library improves analysis of gene expression
JOURNAL Gene 146 (2), 199-207 (1994)
MEDLINE 94357437
REFERENCE 2 (bases 1 to 98)
AUTHORS Matoba, R.
TITLE Direct Submission
JOURNAL Submitted (21-JUL-1993) to the DDBJ/EMBL/GenBank databases, Ryo Matoba, Osaka University, Institute for Molecular and Cellular Bio; 1-3, Yamada-oka, Suita, Osaka 565, Japan (E-mail: matoba@inherit.incb.osaka-u.ac.jp, Tel: 81-6-877-5111(ex.3314), Fax: 81-6-877-1922) Submitted (21-Jul-1993) to DDBJ by: Ryo Matoba

COMMENT Molecular Microbiology and Genetics Lab. Research Institute of Innovative Technology for the Earth 9-2 Kizugawadai Kizu-cyo, Soraku-gun, Kyoto Japan, 619-02 Phone: 07747-5-2308 Fax: 07747-5-2321.

FEATURES source
1..98
/organism="Homo sapiens"
/db_xref="taxon:9606"
/cell_line="HepG2"
/clone_lib="Kiseru"
/sex="Male"
23 a 29 c 24 g 21 t 1 others

BASE COUNT 23 a 29 c 24 g 21 t 1 others
ORIGIN
Query Match 6.8%; Score 68; DB 21; Length 98;
Best Local Similarity 87.6%; Pred. No. 1.35e-28;
Matches 78; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

Db 9 GCGGGCGCTCTAGAGATCCAAAGCTTACGAGCGGTGCGATGCGAGCTCATAGCTCTCTA 68
Qy 899 GCGGGCGCTCTAAAGATCCAAAGCTTACGAGCGGTGCGATGCGAGCTCATAGCTCTCTA 949
Db 69 TAGAGCACCTTAATCAATCAATCAATGCCC 97
Qy 950 TAGTGTCACCTAAATCAATCAATGCGC 978

RESULT 8
LOCUS G13951 398 bp DNA STS 22-DEC-1995
DEFINITION human STS SHGC-2867 clone pG-564.
ACCESSION G13951
NID g1129690
KEYWORDS STS sequence; primer; sequence tagged site.
SOURCE human.
ORGANISM Homo sapiens
Eukaryotes; mitochondrial eukaryotes; Metazoa; Chordata; Vertebrata; Gnathostomata; Osteichthyes; Sarcopterygii; Choanata; Tetrapoda; Amniota; Mammalia; Theria; Eutheria; Archonta; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 398)
AUTHORS Myers, R.M.

Unpublished (1995)
Contact: Richard M. Myers
Stanford Human Genome Center (SHGC)
Stanford University School of Medicine
Department of Genetics, M-344, Stanford, CA 94305, USA
Tel: 4157259687
Fax: 4157259689
Email: myers@shgc.stanford.edu
Primer A: CTCTGGCAGGCAATTTTCCAATC
Primer B: CAGGGGTACTTATCTCTAGCTC
STS size: 132
PCR Profile:
Initial incubation: 94 degrees C for 90 seconds
Denaturation: 94 degrees C for 15 seconds
Annealing: 62 degrees C for 23 seconds
Polymerization: 72 degrees C for 30 seconds
PCR Cycles: 30
Thermal Cycler: Perkin Elmer 9600
Protocol:
Template: 25 ng
Primer: each 1 uM
dNTPs: each 200 uM
Taq Polymerase: 0.05 units/ul
Total Vol: 10 ul
Buffer:
MgCl2: 2.5 mM
KCl: 50 mM
Tris-HCl: 20 mM
pH: 8.3
Plasmid clones, generated from a lymphoblastoid cell line from a human male. Localized to human chromosome 2 by analysis on the NIGMS Human/Rodent Somatic Cell Hybrid Panel #1, Coriell Institute for Medical Research, Camden, NJ 08103.
Location/Qualifiers
1..398
/organism="Homo sapiens"
110..241
primer_bind 110..132
primer_bind complement(219..241)
BASE COUNT 101 a 83 c 100 g 104 t 10 others
ORIGIN
Query Match 5.9%; Score 59; DB 24; Length 398;
Best Local Similarity 88.2%; Pred. No. 4.07e-22;
Matches 67; Conservative 0; Mismatches 8; Indels 1; Gaps 1;

Db 320 GCGGNCNCTCTAGAGATCCAAAGCTTACGAGCGGTGCGATGCGAGCTCATAG-TCCTCT 378
Qy 899 GCGGGCGCTCTAAAGATCCAAAGCTTACGAGCGGTGCGATGCGAGCTCATAGCTCTCT 948
Db 379 NTNGTGTCAACTAAT 394
Qy 949 ATAGTGTCACTAAT 964

RESULT 9
LOCUS PSVSPORT 3160 bp DNA circular SYN 24-MAY-1995
DEFINITION Cloning vector pSVSPORT1 beta-lactamase gene, complete cds.
ACCESSION U14626
NID g540252
KEYWORDS Cloning vector pSVSPORT1.
SOURCE Cloning vector pSVSPORT1
ORGANISM artificial sequence; cloning vectors.
REFERENCE 1 (sites)
AUTHORS D'Alessio, J.M.
TITLE Life technologies, Inc. Catalogue
JOURNAL Unpublished (1994)

79.6 do
78/98
non-coding region

[WATERMAN] (TM)

Release 3.1A John F. Collins, Biocomputing Research Unit.
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Distribution rights by Oxford Molecular Ltd

MPSrch_nn n.a. - n.a. database search, using Smith-Waterman algorithm
on: Wed Sep 2 01:52:25 1998; MasPar time 54.90 Seconds
1033.601 Million cell updates/sec
Similar output not generated.

Title: >US-08-911-423-3
Description: (1-1006) from US08911423.seq
Perfect Score: 1006
N.A. Sequence: 1 ATGGCAGCAGCAGGGCGAT.....ACACGCTCTGACTGGGAAA 1006
Comp: TACCGTGTCTGTCGCCGCTA.....TGTCGAGGACTGACCCCTT

Scoring table: TABLE default
Gap 6

Nmatch STD : Dbase 0; Query 0

Searched: 108126 seqs, 28203311 bases x 2

Post-processing: Minimum Match 0%
Listing first 45 summaries

Database: n-issued
1:5_COMB 2:PCT9_COMB 3:backfiles1

Statistics: Mean 8.511; Variance 5.142; scale 1.655

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES					Pred. No.		
Result No.	Score	Query Match	Length	DB ID	Description		
1	85	8.4	1581	1	US-08-383-Sequence 1, Applicatio	3.14e-38	
2	48	4.8	7218	1	US-08-232-Sequence 14, Applicati	7.60e-15	
3	41	4.1	215	1	US-08-238-Sequence 5, Applicatio	1.07e-10	
c 4	41	4.1	7218	1	US-08-232-Sequence 14, Applicati	1.07e-10	
5	40	4.0	52	2	PCT-US95-1Sequence 73, Applicati	4.10e-10	
c 6	39	3.9	206	1	US-08-254-Sequence 32, Applicati	1.55e-09	
7	39	3.9	1619	1	US-08-507-Sequence 1, Applicatio	1.55e-09	
8	39	3.9	1754	1	US-08-507-Sequence 2, Applicatio	1.55e-09	
c 9	39	3.9	3681	1	US-07-924-Sequence 6, Applicatio	1.55e-09	
c 10	39	3.9	4164	1	US-08-204-Sequence 1, Applicatio	1.55e-09	
c 11	39	3.9	4164	2	PCT-US95-0Sequence 1, Applicatio	1.55e-09	
c 12	39	3.9	4283	1	US-08-445-Sequence 1, Applicatio	1.55e-09	
c 13	39	3.9	4283	1	US-08-343-Sequence 3, Applicatio	1.55e-09	
c 14	39	3.9	4539	1	US-08-119-Sequence 1, Applicatio	1.55e-09	
c 15	39	3.9	4933	1	US-08-204-Sequence 2, Applicatio	1.55e-09	
c 16	39	3.9	4933	2	PCT-US95-0Sequence 2, Applicatio	1.55e-09	
c 17	39	3.9	5314	1	US-07-924-Sequence 4, Applicatio	1.55e-09	
c 18	39	3.9	14311	2	PCT-US96-0Sequence 7, Applicatio	1.55e-09	
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20	38	3.8	432	2	PCT-US93-0Sequence 10, Applicati	5.81e-09	

21	38	3.8	910	1	US-08-286-Sequence 5, Applicatio	5.81e-09
22	38	3.8	4403	2	PCT-US93-0Sequence 30, Applicati	5.81e-09
c 23	38	3.8	4883	1	US-08-478-Sequence 4, Applicatio	5.81e-09
c 24	38	3.8	4883	1	US-08-064-Sequence 1, Applicatio	5.81e-09
c 25	38	3.8	4883	1	US-08-318-Sequence 1, Applicatio	5.81e-09
c 26	38	3.8	5399	1	US-08-064-Sequence 1, Applicatio	5.81e-09
c 27	38	3.8	5399	1	US-08-478-Sequence 1, Applicatio	5.81e-09
c 28	38	3.8	5620	1	US-08-104-Sequence 9, Applicatio	5.81e-09
c 29	38	3.8	5620	1	US-08-351-Sequence 3, Applicatio	5.81e-09
c 30	38	3.8	5642	1	US-08-318-Sequence 2, Applicatio	5.81e-09
c 31	38	3.8	6376	1	US-08-104-Sequence 5, Applicatio	5.81e-09
c 32	38	3.8	6555	1	US-08-351-Sequence 2, Applicatio	5.81e-09
c 33	38	3.8	7652	1	US-07-590-Sequence 1, Applicatio	5.81e-09
c 34	37	3.7	623	2	PCT-US92-0Sequence 5, Applicatio	2.16e-08
c 35	37	3.7	623	1	US-08-090-Sequence 5, Applicatio	2.16e-08
c 36	37	3.7	623	2	PCT-US92-0Sequence 5, Applicatio	2.16e-08
c 37	37	3.7	6714	1	US-08-021-Sequence 5, Applicatio	2.16e-08
c 38	35	3.5	363	3	5182210-19Patent No. 5182210.	2.90e-07
c 39	35	3.5	591	3	5182210-17Patent No. 5182210.	2.90e-07
c 40	35	3.5	773	2	PCT-US94-0Sequence 14, Applicati	2.90e-07
c 41	35	3.5	779	2	PCT-US94-0Sequence 12, Applicati	2.90e-07
c 42	35	3.5	953	2	PCT-US94-0Sequence 3, Applicatio	2.90e-07
c 43	35	3.5	953	2	PCT-US94-0Sequence 5, Applicatio	2.90e-07
c 44	35	3.5	1541	1	US-08-798-Sequence 1, Applicatio	2.90e-07
c 45	35	3.5	2363	2	PCT-US93-0Sequence 2, Applicatio	2.90e-07

ALIGNMENTS

RESULT 1
ID US-08-383-756-1 STANDARD; DNA; UNC; 1581 BP.
AC xxxxxx
DE Sequence 1, Application US/08383756
CC Sequence 1, Application US/08383756
CC Patent No. 5654495
CC GENERAL INFORMATION:
CC APPLICANT: Dehesh, Katayoon
CC APPLICANT: Voelker, Toni Alois
CC APPLICANT: Hawkins, Deborah
CC APPLICANT: Davies, Huw Maelor
CC TITLE OF INVENTION: Production of Myristate in Plant Cells
CC NUMBER OF SEQUENCES: 17
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Calgene, Inc.
CC STREET: 1920 Fifth Street
CC CITY: Davis
CC STATE: CA
CC COUNTRY: USA
CC ZIP: 95616
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Diskette, 3.50 inch, 1.0 MB
CC COMPUTER: Apple Macintosh
CC OPERATING SYSTEM: Macintosh 7.0
CC SOFTWARE: Microsoft Word 5.1(a)
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/383,756
CC FILING DATE: 02-FEB-1995
CC CLASSIFICATION: 435
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: 08/261,695
CC FILING DATE: 16-JUN-94
CC CLASSIFICATION: 435
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: PCT/US93/10814
CC FILING DATE: 29-OCT-93
CC CLASSIFICATION: 435
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: USSN 07/968,971
CC FILING DATE: 30-OCT-92
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Elizabeth Lassen
CC REGISTRATION NUMBER: 31,845


```
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Bastian, Kevin L.
CC REGISTRATION NUMBER: 34,774
CC REFERENCE/DOCKET NUMBER: 2307E-540
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: (415) 543-9600
CC TELEFAX: (415) 543-5043
CC INFORMATION FOR SEQ ID NO: 5:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 215 base pairs
CC TYPE: nucleic acid
CC STRANDEDNESS: single
CC TOPOLOGY: unknown
CC MOLECULE TYPE: protein
CC FEATURE:
CC NAME/KEY: misc.feature
CC LOCATION: 1..215
CC OTHER INFORMATION: /standard_name= "Deduced amino acid
CC OTHER INFORMATION: sequence of GP1P from bean."
CC
CC SEQUENCE 215 BP; 15 A; 8 C; 25 G; 26 T; 141 OTHER.
CC
Query Match 4.1%; Score 41; DB 1; Length 215;
Best Local Similarity 11.6%; Pred. No. 1.07e-10;
Matches 25; Conservative 90; Mismatches 99; Indels 1; Gaps 1;
CC
Db 1 MTNVTSSSVVSRASCNDKAKKDGNTTSWTTDCNRTWGVCDTDTTYRVNNDSGHKN 60
QY 532 CTCCTCTGACCTCGGCCAGCTGGACTGCACATCTGGCAGCTGAGAGTCACTGTCATG 591
CC
Db 61 YSSANYNGNNGVAAKTHYTHNVSGADSKVTDSYNASGTSSTSSNGTGDG- RSGADS 119
QY 592 TGGCCCCGAGAGACCCAGCTGCTGCTGGAGTGGCCGCTGACCGAAGACGCCAGAAGC 651
CC
Db 120 YGSKTAMTSRNTCKTANNVDSRNGDASVGSDKYTKHAKNSADGKVGSKNNGDRNN 179
QY 652 TGGCAGTTCCTCCGAGGAAGAGCGGGCGGAGCGATCGGCAGAGGAGAGGGCGGCTGGGA 711
CC
Db 180 RYGTGTSVNSNCGGNKRDVSSYANKKCGSSC 214
QY 712 GACCTGTGGGTGTGAGCTGGCCGCTCTCCGGGCG 746
CC
RESULT 4
ID US-08-232-463-14 STANDARD; DNA; UNC; 7218 BP.
AC xxxxxx
DT
Sequence 14, Application US/08232463
Sequence 14, Application US/08232463
Patent No. 5670367
CC GENERAL INFORMATION:
CC APPLICANT: DORNER, F.
CC APPLICANT: SCHEIFLINGER, F.
CC APPLICANT: FALKNER, F. G.
CC TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
CC NUMBER OF SEQUENCES: 52
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Foley & Lardner
CC STREET: 1800 Diagonal Road, Suite 500
CC CITY: Alexandria
CC STATE: VA
CC COUNTRY: USA
CC ZIP: 22313-0299
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: PatentIn Release #1.0, Version #1.25
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/232,463
CC FILING DATE:
CC CLASSIFICATION: 435
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US/07/935,313
CC
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Bastian, Kevin L.
CC REGISTRATION NUMBER: 34,774
CC REFERENCE/DOCKET NUMBER: 2307E-540
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: (415) 543-9600
CC TELEFAX: (415) 543-5043
CC INFORMATION FOR SEQ ID NO: 5:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 215 base pairs
CC TYPE: nucleic acid
CC STRANDEDNESS: single
CC TOPOLOGY: unknown
CC MOLECULE TYPE: protein
CC FEATURE:
CC NAME/KEY: misc.feature
CC LOCATION: 1..215
CC OTHER INFORMATION: /standard_name= "Deduced amino acid
CC OTHER INFORMATION: sequence of GP1P from bean."
CC
CC SEQUENCE 215 BP; 15 A; 8 C; 25 G; 26 T; 141 OTHER.
CC
Query Match 4.1%; Score 41; DB 1; Length 215;
Best Local Similarity 11.6%; Pred. No. 1.07e-10;
Matches 25; Conservative 90; Mismatches 99; Indels 1; Gaps 1;
CC
Db 1 MTNVTSSSVVSRASCNDKAKKDGNTTSWTTDCNRTWGVCDTDTTYRVNNDSGHKN 60
QY 532 CTCCTCTGACCTCGGCCAGCTGGACTGCACATCTGGCAGCTGAGAGTCACTGTCATG 591
CC
Db 61 YSSANYNGNNGVAAKTHYTHNVSGADSKVTDSYNASGTSSTSSNGTGDG- RSGADS 119
QY 592 TGGCCCCGAGAGACCCAGCTGCTGCTGGAGTGGCCGCTGACCGAAGACGCCAGAAGC 651
CC
Db 120 YGSKTAMTSRNTCKTANNVDSRNGDASVGSDKYTKHAKNSADGKVGSKNNGDRNN 179
QY 652 TGGCAGTTCCTCCGAGGAAGAGCGGGCGGAGCGATCGGCAGAGGAGAGGGCGGCTGGGA 711
CC
Db 180 RYGTGTSVNSNCGGNKRDVSSYANKKCGSSC 214
QY 712 GACCTGTGGGTGTGAGCTGGCCGCTCTCCGGGCG 746
CC
RESULT 4
ID US-08-232-463-14 STANDARD; DNA; UNC; 7218 BP.
AC xxxxxx
DT
Sequence 14, Application US/08232463
Sequence 14, Application US/08232463
Patent No. 5670367
CC GENERAL INFORMATION:
CC APPLICANT: DORNER, F.
CC APPLICANT: SCHEIFLINGER, F.
CC APPLICANT: FALKNER, F. G.
CC TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
CC NUMBER OF SEQUENCES: 52
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Foley & Lardner
CC STREET: 1800 Diagonal Road, Suite 500
CC CITY: Alexandria
CC STATE: VA
CC COUNTRY: USA
CC ZIP: 22313-0299
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: PatentIn Release #1.0, Version #1.25
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/232,463
CC FILING DATE:
CC CLASSIFICATION: 435
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: US/07/935,313
CC
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Bastian, Kevin L.
CC REGISTRATION NUMBER: 34,774
CC REFERENCE/DOCKET NUMBER: 2307E-540
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: (415) 543-9600
CC TELEFAX: (415) 543-5043
CC INFORMATION FOR SEQ ID NO: 5:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 215 base pairs
CC TYPE: nucleic acid
CC STRANDEDNESS: single
CC TOPOLOGY: unknown
CC MOLECULE TYPE: protein
CC FEATURE:
CC NAME/KEY: misc.feature
CC LOCATION: 1..215
CC OTHER INFORMATION: /standard_name= "Deduced amino acid
CC OTHER INFORMATION: sequence of GP1P from bean."
CC
CC SEQUENCE 215 BP; 15 A; 8 C; 25 G; 26 T; 141 OTHER.
CC
Query Match 4.1%; Score 41; DB 1; Length 215;
Best Local Similarity 11.6%; Pred. No. 1.07e-10;
Matches 25; Conservative 90; Mismatches 99; Indels 1; Gaps 1;
CC
Db 1 MTNVTSSSVVSRASCNDKAKKDGNTTSWTTDCNRTWGVCDTDTTYRVNNDSGHKN 60
QY 532 CTCCTCTGACCTCGGCCAGCTGGACTGCACATCTGGCAGCTGAGAGTCACTGTCATG 591
CC
Db 61 YSSANYNGNNGVAAKTHYTHNVSGADSKVTDSYNASGTSSTSSNGTGDG- RSGADS 119
QY 592 TGGCCCCGAGAGACCCAGCTGCTGCTGGAGTGGCCGCTGACCGAAGACGCCAGAAGC 651
CC
Db 120 YGSKTAMTSRNTCKTANNVDSRNGDASVGSDKYTKHAKNSADGKVGSKNNGDRNN 179
QY 652 TGGCAGTTCCTCCGAGGAAGAGCGGGCGGAGCGATCGGCAGAGGAGAGGGCGGCTGGGA 711
CC
Db 180 RYGTGTSVNSNCGGNKRDVSSYANKKCGSSC 214
QY 712 GACCTGTGGGTGTGAGCTGGCCGCTCTCCGGGCG 746
CC
RESULT 5
ID PCT-US95-17111A-73 STANDARD; DNA; UNC; 52 BP.
AC xxxxxx
DT
Sequence 73, Application PC/TUS9517111A
Sequence 73, Application PC/TUS9517111A
GENERAL INFORMATION:
CC APPLICANT: de la Monte, Suzanne
CC APPLICANT: Wands, Jack R.
CC TITLE OF INVENTION: Neural Thread Protein Gene Expression and
CC TITLE OF INVENTION: Detection of Alzheimer's Disease
CC NUMBER OF SEQUENCES: 121
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
CC STREET: 1100 New York Avenue, Suite 600
CC CITY: Washington
CC STATE: D.C.
CC COUNTRY: U.S.A.
CC ZIP: 20005-3934
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: PatentIn Release #1.0, Version #1.25
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: PCT/US95/17111A
CC FILING DATE:
CC CLASSIFICATION:
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: 08/340,426
CC FILING DATE: 14-NOV-1994
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Ludwig, Steven R.
CC REGISTRATION NUMBER: 36,203
CC REFERENCE/DOCKET NUMBER: 0609.3840002
CC
```

CC TELECOMMUNICATION INFORMATION:

CC TELEPHONE: (202) 371-2600

CC TELEFAX: (202) 371-2540

CC INFORMATION FOR SEQ ID NO: 73:

CC SEQUENCE CHARACTERISTICS:

CC LENGTH: 52 base pairs

CC TYPE: nucleic acid

CC STRANDEDNESS: both

CC TOPOLOGY: both

CC SEQUENCE 52 BP; 12 A; 15 C; 11 G; 14 T; 0 OTHER.

Query Match 4.0%; Score 40; DB 2; Length 52;

Best Local Similarity 96.3%; Pred. No. 4.10e-10;

Matches 52; Conservative 0; Mismatches 0; Indels 2; Gaps 2;

Db 1 GATCCAGCT-ACGTACCGGTCATGC-ACGTCATAGCTTCTCTATAGTGTAC 52

Qy (905) GATCCAGCTTACGTCGCGTGCATGCGACGTCATAGCTTCTCTATAGTGTAC 958

ULT 6

AC US-08-254-359A-32 STANDARD; DNA; UNC; 206 BP.

AC xxxxxx

Sequence 32, Application US/08254359A

Sequence 32, Application US/08254359A

Patent No. 5614402

GENERAL INFORMATION:

CC APPLICANT: DAHLBERG, JAMES E.

CC APPLICANT: LYAMICHEV, VICTOR I.

CC APPLICANT: BROW, MARY ANN D.

CC TITLE OF INVENTION: 5' NUCLEASES DERIVED FROM THERMOSTABLE

CC TITLE OF INVENTION: DNA POLYMERASE

CC NUMBER OF SEQUENCES: 40

CC CORRESPONDENCE ADDRESS:

CC ADDRESSEE: HAVERTOCK, MEDLEN & CARROLL

CC STREET: 220 MONTGOMERY STREET, SUITE 2200

CC CITY: SAN FRANCISCO

CC STATE: CALIFORNIA

CC COUNTRY: UNITED STATES OF AMERICA

CC ZIP: 94104

CC COMPUTER READABLE FORM:

CC MEDIUM TYPE: Floppy disk

CC COMPUTER: IBM PC compatible

CC OPERATING SYSTEM: PC-DOS/MS-DOS

CC SOFTWARE: Patent In Release #1.0, Version #1.25

CC CURRENT APPLICATION DATA:

CC APPLICATION NUMBER: US/08/254,359A

CC FILING DATE:

CC CLASSIFICATION: 435

CC PRIOR APPLICATION DATA:

CC APPLICATION NUMBER: US 08/073,384

CC FILING DATE: 06-JUN-1993

CC PRIOR APPLICATION DATA:

CC APPLICATION NUMBER: US 07/986,330

CC FILING DATE: 07-DEC-1992

CC ATTORNEY/AGENT INFORMATION:

CC NAME: CARROLL, PETER G.

CC REGISTRATION NUMBER: 32,837

CC REFERENCE/DOCKET NUMBER: FORS-01000

CC TELEPHONE: (415) 705-8410

CC TELEFAX: (415) 397-8338

CC INFORMATION FOR SEQ ID NO: 32:

CC SEQUENCE CHARACTERISTICS:

CC LENGTH: 206 base pairs

CC TYPE: nucleic acid

CC STRANDEDNESS: single

CC TOPOLOGY: linear

CC MOLECULE TYPE: DNA (genomic)

CC SEQUENCE 206 BP; 49 A; 48 C; 52 G; 57 T; 0 OTHER.

Query Match 3.9%; Score 39; DB 1; Length 206;

Best Local Similarity 97.6%; Pred. No. 1.55e-09;

Matches 40; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db 10 TTTCCAGTCACGAGTTCGTTAAACGACGCGCCAGTGAATTG 50

Cp 1006 TTTCCAGTCAGGACGTTGTTAAACGACGCGCCAGTGAATTG 966

RESULT 7

ID US-08-507-455-1 STANDARD; DNA; UNC; 1619 BP.

AC xxxxxx

DE Sequence 1, Application US/08507455

CC Sequence 1, Application US/08507455

CC Patent No. 5655961

CC GENERAL INFORMATION:

CC APPLICANT:

CC TITLE OF INVENTION: BIFUNCTIONAL EXPRESSION SYSTEM

CC NUMBER OF SEQUENCES: 6

CC CORRESPONDENCE ADDRESS:

CC ADDRESSEE: NIXON & VANDERHVE P.C.

CC STREET: 1100 NORTH GLEBE ROAD, 8TH FLOOR

CC CITY: ARLINGTON

CC STATE: VIRGINIA

CC COUNTRY: USA

CC ZIP: 22201-4714

CC COMPUTER READABLE FORM:

CC MEDIUM TYPE: Floppy disk

CC COMPUTER: IBM PC compatible

CC OPERATING SYSTEM: PC-DOS/MS-DOS

CC SOFTWARE: Patent In Release #1.0, Version #1.25

CC CURRENT APPLICATION DATA:

CC APPLICATION NUMBER: US/08/507,455

CC FILING DATE: 08-SEP-1995

CC CLASSIFICATION: 435

CC PRIOR APPLICATION DATA:

CC APPLICATION NUMBER: GB 9303988.1

CC FILING DATE: 26-FEB-1993

CC NAME: MITCHARD, LEONARD C

CC REGISTRATION NUMBER: 29,009

CC REFERENCE/DOCKET NUMBER: 1498-72

CC INFORMATION FOR SEQ ID NO: 1:

CC SEQUENCE CHARACTERISTICS:

CC LENGTH: 1619 base pairs

CC TYPE: nucleic acid

CC STRANDEDNESS: double

CC TOPOLOGY: linear

CC MOLECULE TYPE: DNA (genomic)

CC HYPOTHETICAL: NO

CC ANTI-SENSE: NO

CC ORIGINAL SOURCE:

CC ORGANISM: Saccharomyces cerevisiae

CC FEATURE:

CC NAME/KEY: misc_recomb

CC LOCATION: 546...547

CC FEATURE:

CC NAME/KEY: misc_recomb

CC LOCATION: 635...636

CC FEATURE:

CC NAME/KEY: misc_recomb

CC LOCATION: 1035...1036

CC FEATURE:

CC NAME/KEY: misc_recomb

CC LOCATION: 1411...1412

CC FEATURE:

CC NAME/KEY: misc_feature

CC LOCATION: 550...555

CC FEATURE:

CC NAME/KEY: misc_feature

CC LOCATION: 574...579

CC FEATURE:

CC NAME/KEY: misc_feature

CC LOCATION: 568..673
CC FEATURE: 3.9%; Score 39; DB 1; Length 1619;
CC NAME/KEY: misc_feature
CC LOCATION: 692..697
SQ SEQUENCE 1619 BP; 453 A; 334 C; 289 G; 543 T; 0 OTHER.
Query Match 3.9%; Score 39; DB 1; Length 1619;
Best Local Similarity 97.6%; Pred. No. 1.55e-09;
Matches 40; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Db 867 CAATTCACTGGCGCGTGTTCACACGTCGTGACTGGGAAA 907
QY |||||||||||||||||||||||||||||||||||||||
966 CAATTCACTGGCGCGTGTTCACACGTCGTGACTGGGAAA 1006
RESULT 8
ID US-08-507-455-2 STANDARD; DNA; UNC; 1754 BP.
AC xxxxxx
DE Sequence 2, Application US/08507455
CC Sequence 2, Application US/08507455
CC Patent No. 5695961
CC GENERAL INFORMATION:
CC APPLICANT: NIXON & VANDERHVE P.C.
CC TITLE OF INVENTION: BIFUNCTIONAL EXPRESSION SYSTEM
CC NUMBER OF SEQUENCES: 6
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: 1100 NORTH GLEBE ROAD, 8TH FLOOR
CC CITY: ARLINGTON
CC STATE: VIRGINIA
CC COUNTRY: USA
CC ZIP: 22201-4714
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC OPERATING SYSTEM: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: Patent In Release #1.0, Version #1.25
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/507,455
CC FILING DATE: 08-SEP-1995
CC CLASSIFICATION: 435
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: GB 9303988.1
CC FILING DATE: 26-FEB-1993
CC ATTORNEY/AGENT INFORMATION:
CC NAME: MITCHELL, LEONARD C
CC REGISTRATION NUMBER: 29,009
CC REFERENCE/DOCKET NUMBER: 1498-72
CC INFORMATION FOR SEQ ID NO: 2:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 1754 base pairs
CC TYPE: nucleic acid
CC STRANDEDNESS: double
CC TOPOLOGY: linear
CC MOLECULE TYPE: DNA (genomic)
CC HYPOTHETICAL: NO
CC ANTI-SENSE: NO
CC ORIGINAL SOURCE:
CC ORGANISM: Saccharomyces cerevisiae
CC FEATURE:
CC NAME/KEY: misc_recomb
CC LOCATION: 546..547
CC FEATURE:
CC NAME/KEY: misc_recomb
CC LOCATION: 635..636
CC FEATURE:
CC NAME/KEY: misc_recomb
CC LOCATION: 1035..1036
CC FEATURE:
CC NAME/KEY: misc_recomb
CC LOCATION: 1411..1412
SQ SEQUENCE 1754 BP; 491 A; 365 C; 319 G; 579 T; 0 OTHER.

Query Match 3.9%; Score 39; DB 1; Length 1754;
Best Local Similarity 97.6%; Pred. No. 1.55e-09;
Matches 40; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Db 999 CAATTCACTGGCGCGTGTTCACACGTCGTGACTGGGAAA 1039
QY |||||||||||||||||||||||||||||||||||||||
966 CAATTCACTGGCGCGTGTTCACACGTCGTGACTGGGAAA 1006
RESULT 9
ID US-07-924-028A-6 STANDARD; DNA; UNC; 3681 BP.
AC xxxxxx
DE Sequence 6, Application US/07924028A
CC Sequence 6, Application US/07924028A
CC Patent No. 5470573
CC GENERAL INFORMATION:
CC APPLICANT: Lubitz Werner, Szostak, Michael P.
CC TITLE OF INVENTION: CARRIER-BOUND RECOMBINANT PROTEINS, PROCESS
CC TITLE OF INVENTION: FOR THE PRODUCTION AND USE AS IMMUNOGENS AND VACCINES
CC NUMBER OF SEQUENCES: 6
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Felfe & Lynch
CC STREET: 805 Third Avenue
CC CITY: New York City
CC STATE: New York
CC COUNTRY: USA
CC ZIP: 10022
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
CC COMPUTER: IBM PS/2
CC OPERATING SYSTEM: PC-DOS
CC SOFTWARE: Wordperfect
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/07/924,028A
CC FILING DATE: 30-SEP-1992
CC CLASSIFICATION: 435
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: PCT/EP91/00308
CC FILING DATE: 02-FEB-1991
CC PRIOR APPLICATION DATA:
CC APPLICATION NUMBER: DE 40 05 874
CC FILING DATE: 24-FEB-1990
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Hanson, No. 5470573man D.
CC REGISTRATION NUMBER: 30,946
CC REFERENCE/DOCKET NUMBER: HUBR 1027
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: (212) 688-9200
CC TELEFAX: (212) 838-3884
CC INFORMATION FOR SEQ ID NO: 6:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 3681 base pairs
CC TYPE: nucleic acid
CC STRANDEDNESS: single
CC TOPOLOGY: linear
CC SEQUENCE 3681 BP; 949 A; 917 C; 932 G; 883 T; 0 OTHER.
Query Match 3.9%; Score 39; DB 1; Length 3681;
Best Local Similarity 97.6%; Pred. No. 1.55e-09;
Matches 40; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Db 580 TTTCCAGTCAGCAGCTGTGTAACGACGCCAGTGAATTG 620
QY |||||||||||||||||||||||||||||||||||||||
1006 TTTCCAGTCAGCAGCTGTGTAACGACGCCAGTGAATTG 966
RESULT 10
ID US-08-204-675-1 STANDARD; DNA; UNC; 4164 BP.
AC xxxxxx
DE Sequence 1, Application US/08204675

CC Sequence 1, Application US/08204675
CC Patent No. 5677170
CC GENERAL INFORMATION:
CC APPLICANT: Devine, Scott E.
CC APPLICANT: Boeke, Jef D.
CC APPLICANT: Braiterman, Lelita T.
CC TITLE OF INVENTION: In Vitro Transposition of Artificial
CC TITLE OF INVENTION: Transposons
CC NUMBER OF SEQUENCES: 7
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Banner, Birch, McKie, and Beckett
CC STREET: 1001 G Street, N.W.
CC CITY: Washington
CC STATE: D.C.
CC COUNTRY: U.S.A.
CC ZIP: 20001
CC
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: Patent In Release #1.0, Version #1.25
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/204,675
CC FILING DATE: 02-MAR-1994
CC CLASSIFICATION: 435
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Kagan, Sarah A.
CC REGISTRATION NUMBER: 32,141
CC REFERENCE/DOCKET NUMBER: 01107.45501
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: 202.508.9100
CC TELEFAX: 202.508.9299
CC TELEX: 197430 BMB UT
CC INFORMATION FOR SEQ ID NO: 1:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 4164 base pairs
CC TYPE: nucleic acid
CC STRANDEDNESS: double
CC TOPOLOGY: circular
CC MOLECULE TYPE: DNA (genomic)
CC HYPOTHETICAL: NO
CC ANTI-SENSE: NO
CC IMMEDIATE SOURCE:
CC CLONE: PAT-1
CC
CC SEQUENCE 4164 BP; 1185 A; 886 C; 988 G; 1105 T; 0 OTHER.
Query Match 3.9%; Score 39; DB 1; Length 4164;
Best Local Similarity 97.6%; Pred. No. 1.55e-09;
Matches 40; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
1933 TTTCCTCAGTCACGAGTGTGTAACAGCAGCGCCAGTGAATTG 1973
|||||
Cc 1006 TTTCCTCAGTCACGAGTGTGTAACAGCAGCGCCAGTGAATTG 966
|||||
RESULT 11
ID PCT-US95-02520-1 STANDARD; DNA; UNC: 4164 BP.
AC xxxxxx
DT
DE Sequence 1, Application PC/TUS9502520
CC Sequence 1, Application PC/TUS9502520
CC GENERAL INFORMATION:
CC APPLICANT: The Johns Hopkins University
CC TITLE OF INVENTION: In Vitro Transposition of Artificial
CC TITLE OF INVENTION: Transposons
CC NUMBER OF SEQUENCES: 7
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Banner, Birch, McKie, and Beckett
CC STREET: 1001 G Street, N.W.
CC CITY: Washington
CC STATE: D.C.
CC COUNTRY: U.S.A.
CC ZIP: 20001

CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: Patent In Release #1.0, Version #1.25
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: PCT/US95/02520
CC FILING DATE: 02-MAR-1995
CC CLASSIFICATION:
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Kagan, Sarah A.
CC REGISTRATION NUMBER: 32,141
CC REFERENCE/DOCKET NUMBER: 01107.49245
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: 202.508.9100
CC TELEFAX: 202.508.9299
CC TELEX: 197430 BMB UT
CC INFORMATION FOR SEQ ID NO: 1:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 4164 base pairs
CC TYPE: nucleic acid
CC STRANDEDNESS: double
CC TOPOLOGY: circular
CC MOLECULE TYPE: DNA (genomic)
CC HYPOTHETICAL: NO
CC ANTI-SENSE: NO
CC IMMEDIATE SOURCE:
CC CLONE: PAT-1
CC
CC SEQUENCE 4164 BP; 1185 A; 886 C; 988 G; 1105 T; 0 OTHER.
Query Match 3.9%; Score 39; DB 2; Length 4164;
Best Local Similarity 97.6%; Pred. No. 1.55e-09;
Matches 40; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Db 1933 TTTCCTCAGTCACGAGTGTGTAACAGCAGCGCCAGTGAATTG 1973
|||||
Cc 1006 TTTCCTCAGTCACGAGTGTGTAACAGCAGCGCCAGTGAATTG 966
|||||
RESULT 12
ID US-08-445-265A-1 STANDARD; DNA; UNC: 4283 BP.
AC xxxxxx
DT
DE Sequence 1, Application US/08445265A
CC Sequence 1, Application US/08445265A
CC Patent No. 5697901
CC GENERAL INFORMATION:
CC APPLICANT: Eriksson, Elof
CC TITLE OF INVENTION: GENE DELIVERY BY MICRONEEDLE INJECTION
CC NUMBER OF SEQUENCES: 4
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Quarles & Brady
CC STREET: 1 South Pinckney Street
CC CITY: Madison
CC STATE: WI
CC COUNTRY: US
CC ZIP: 53703
CC
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: Patent In Release #1.0, Version #1.30
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/445,265A
CC FILING DATE:
CC CLASSIFICATION: 604
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Seay, Nicholas J
CC REGISTRATION NUMBER: 27386
CC REFERENCE/DOCKET NUMBER: 110229.91080
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: 608-251-5000
CC TELEFAX: 608-251-9166

CC INFORMATION FOR SEQ ID NO: 1:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 4283 base pairs
CC TYPE: nucleic acid
CC STRANDEDNESS: double
CC TOPOLOGY: circular
CC MOLECULE TYPE: other nucleic acid
CC DESCRIPTION: /desc = "Plasmid DNA"
CC FEATURE:
CC NAME/KEY: CDS
CC LOCATION: join(713..721, 981..1250)
CC SEQUENCE 4283 BP; 1023 A; 1095 C; 1114 G; 1051 T; 0 OTHER.

Query Match 3.9%; Score 39; DB 1; Length 4283;
Best Local Similarity 97.6%; Pred. No. 1.55e-09;
Matches 40; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db 4226 TTTCACGTCACGACGTTGTAAACGACGCCAGTGAATTG 4266
|||||
1006 TTTCACGTCACGACGTTGTAAACGACGCCAGTGAATTG 966

RESULT 13
ID US-08-343-401A-3 STANDARD; DNA; UNC; 4283 BP.
AC xxxxxx

DE Sequence 3, Application US/08343401A
CC Sequence 3, Application US/08343401A
CC Patent No. 5661132
CC GENERAL INFORMATION:
CC APPLICANT: Swain, William F
CC APPLICANT: Macklin, Michael D
CC APPLICANT: Eriksson, Elof
CC APPLICANT: Andree, Christophe
CC TITLE OF INVENTION: Improved Wound Healing
CC NUMBER OF SEQUENCES: 4
CC CORRESPONDENCE ADDRESSES:
CC ADDRESSEE: Quarles & Brady
CC STREET: PO Box 2113
CC CITY: Madison
CC STATE: WI
CC COUNTRY: USA
CC ZIP: 53701-2113
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: Patent In Release #1.0, Version #1.30
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/343,401A
CC FILING DATE: 22-NOV-1994
CC CLASSIFICATION: 514
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Seay, Nicholas J
CC REGISTRATION NUMBER: 27,386
CC REFERENCE/DOCKET NUMBER: 11-229-9103-9
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: 608-251-5000
CC TELEFAX: 608-251-9166
CC INFORMATION FOR SEQ ID NO: 3:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 4283 base pairs
CC TYPE: nucleic acid
CC STRANDEDNESS: double
CC TOPOLOGY: circular
CC MOLECULE TYPE: DNA (genomic)
CC IMMEDIATE SOURCE:
CC CLONE: pWRG1630
CC FEATURE:
CC NAME/KEY: exon
CC LOCATION: 713..721
CC FEATURE:
CC NAME/KEY: exon

CC LOCATION: 981..1253
CC FEATURE:
CC NAME/KEY: CDS
CC LOCATION: join(713..721, 981..1253)
CC FEATURE:
CC NAME/KEY: sig_peptide
CC LOCATION: 713..1049
CC SEQUENCE 4283 BP; 1023 A; 1095 C; 1114 G; 1051 T; 0 OTHER.

Query Match 3.9%; Score 39; DB 1; Length 4283;
Best Local Similarity 97.6%; Pred. No. 1.55e-09;
Matches 40; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db 4226 TTTCACGTCACGACGTTGTAAACGACGCCAGTGAATTG 4266
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Cc 1006 TTTCACGTCACGACGTTGTAAACGACGCCAGTGAATTG 966

RESULT 14
ID US-08-119-512-1 STANDARD; DNA; UNC; 4539 BP.
AC xxxxxx

DE Sequence 1, Application US/08119512
CC Sequence 1, Application US/08119512
CC Patent No. 5498531
CC GENERAL INFORMATION:
CC APPLICANT: Jarrell, Kevin A.
CC TITLE OF INVENTION: INTRON MEDIATED RECOMBINANT TECHNIQUES
CC NUMBER OF SEQUENCES: 3
CC CORRESPONDENCE ADDRESSES:
CC ADDRESSEE: LAHIVE & COCKFIELD
CC STREET: 60 State Street
CC CITY: Boston
CC STATE: MA
CC COUNTRY: USA
CC ZIP: 02109
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: ASCII (text)
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/119,512
CC FILING DATE: 10-SEP-1993
CC CLASSIFICATION: 435
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Vincent, Matthew P.
CC REGISTRATION NUMBER: 36,709
CC REFERENCE/DOCKET NUMBER: HUI-008
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: (617) 227-7400
CC TELEFAX: (617) 227-5941
CC INFORMATION FOR SEQ ID NO: 1:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 4539 base pairs
CC TYPE: nucleic acid
CC STRANDEDNESS: double
CC TOPOLOGY: both
CC MOLECULE TYPE: other nucleic acid
CC FEATURE:
CC NAME/KEY: misc_feature
CC LOCATION: 969..1259
CC OTHER INFORMATION: /product= "E3 exon"
CC FEATURE:
CC NAME/KEY: misc_feature
CC LOCATION: 1290..1559
CC OTHER INFORMATION: /product= "E5 exon"
CC SEQUENCE 4539 BP; 1246 A; 979 C; 998 G; 1316 T; 0 OTHER.

Query Match 3.9%; Score 39; DB 1; Length 4539;
Best Local Similarity 97.6%; Pred. No. 1.55e-09;
Matches 40; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db 820 TTCCAGTCAGCAGTGTGTAACGACGCGCCAGTGAATTG 860
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Cc 1006 TTCCAGTCAGCAGTGTGTAACGACGCGCCAGTGAATTG 966
|||||

RESULT 15
ID US-08-204-675-2 STANDARD; DNA; UNC; 4933 BP.
AC xxxxx
DT
DE Sequence 2, Application US/08204675
CC Sequence 2, Application US/08204675
CC Patent No. 5677170
CC GENERAL INFORMATION:
CC APPLICANT: Devine, Scott E.
CC APPLICANT: Boeke, Jef D.
CC APPLICANT: Brateman, Lelita T.
CC TITLE OF INVENTION: In Vitro Transposition of Artificial
CC TITLE OF INVENTION: Transposons
CC NUMBER OF SEQUENCES: 7
CC
CC CORRESPONDENCE ADDRESS:
CC ADDRESSEE: Banner, Birch, McKie, and Beckett
CC STREET: 1001 G Street, N.W.
CC CITY: Washington
CC STATE: D.C.
CC COUNTRY: U.S.A.
CC ZIP: 20001
CC COMPUTER READABLE FORM:
CC MEDIUM TYPE: Floppy disk
CC COMPUTER: IBM PC compatible
CC OPERATING SYSTEM: PC-DOS/MS-DOS
CC SOFTWARE: PatentIn Release #1.0, Version #1.25
CC CURRENT APPLICATION DATA:
CC APPLICATION NUMBER: US/08/204,675
CC FILING DATE: 02-MAR-1994
CC CLASSIFICATION: 435
CC ATTORNEY/AGENT INFORMATION:
CC NAME: Kagan, Sarah A.
CC REGISTRATION NUMBER: 32,141
CC REFERENCE/DOCKET NUMBER: 01107.45501
CC TELECOMMUNICATION INFORMATION:
CC TELEPHONE: 202.508.9100
CC TELEFAX: 202.508.9299
CC TELEX: 197430 BBMB UT
CC INFORMATION FOR SEQ ID NO: 2:
CC SEQUENCE CHARACTERISTICS:
CC LENGTH: 4933 base pairs
CC TYPE: nucleic acid
CC STRANDEDNESS: double
CC TOPOLOGY: circular
CC MOLECULE TYPE: DNA (genomic)
CC HYPOTHETICAL: NO
CC ANTI-SENSE: NO
CC IMMEDIATE SOURCE:
CC CLONE: PAT-2
CC SEQUENCE 4933 BP; 1431 A; 1031 C; 1157 G; 1314 T; 0 OTHER.

Query Match 3.9%; Score 39; DB 1; Length 4933;
Best Local Similarity 97.6%; Pred. No. 1.55e-09;
Matches 40; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db 1933 TTCCAGTCAGCAGTGTGTAACGACGCGCCAGTGAATTG 1973
|||||
Cc 1006 TTCCAGTCAGCAGTGTGTAACGACGCGCCAGTGAATTG 966
|||||

Search completed: Wed Sep 2 01:54:39 1998
Job time : 134 secs.